

# ABSTRACT

An elevator apparatus has a car suspended by a main rope through the intermediation of a shackle spring. The car is equipped with a displacement sensor for measuring the displacement amount of the main rope with respect to the car. The displacement sensor is electrically connected to an abnormality control device mounted on the car. The abnormality control device obtains the magnitude of the tension of the main rope based on information from the displacement sensor, and selectively outputs a braking command signal to one of the following devices: an operation control device, a brake device, and an emergency stop device, according to the magnitude of the tension of the main rope.